



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4 Attorney Docket Number 60022210-0157

**Complete if Known**

Application Number	10/037,593
Filing Date	October 19, 2001
First Named Inventor	Matthew P. Kulig
Art Unit	2457
Examiner Name	Barbara N. Burgess

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	LC	US 5,077,665	12-31-1991	Silverman et al.	
	LD	US 5,740,244	04-14-1998	Indeck et al.	
	LE	US 5,870,730	02-09-1999	Furuya et al.	
	LF	US 5,978,801	11-02-1999	Yuasa	
	LG	US 5,995,963	11-30-1999	Nanba et al.	
	LH	US 6,564,263 B1	05-13-2003	Bergman et al.	
	LI	US 6,850,906 B1	02-01-2005	Chadha et al.	
	LJ	US 6,870,837 B2	03-22-2005	Ho et al	
	LK	US 7,019,674 B2	03-28-2006	Cadambi et al.	
	LL	US 7,181,608 B2	02-20-2007	Fallon et al.	
	LM	US 7,251,629 B1	07-31-2007	Marynowski et al.	
	LN	US 7,286,564 B2	10-23-2007	Roberts	
	LO	US 2006/0259417 A1	11-16-2006	Marynowski et al.	
	LP	US 2006/0294059 A1	12-28-2006	Chamberlain et al.	
	LQ	US 2007/0067108 A1	03-22-2007	Buhler et al.	
	LR	US 2007/0078837 A1	04-05-2007	Indeck et al.	
	LS	US 2007/0118500 A1	05-24-2007	Indeck et al.	
	LT	US 2007/0130140 A1	06-07-2007	Cytron et al.	
	LU	US 2007/0174841 A1	07-26-2007	Chamberlain et al.	
	LV	US 2007/0277036 A1	11-29-2007	Chamberlain et al.	
	LW	US 2008/0114760 A1	05-15-2008	Indeck et al.	

Examiner Signature	Date Considered
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	<b>10/037,593</b>
				Filing Date	<b>October 19, 2001</b>
				First Named Inventor	<b>Matthew P. Kulig</b>
				Art Unit	<b>2457</b>
				Examiner Name	<b>Barbara N. Burgess</b>
Sheet	<b>2</b>	of	<b>4</b>	Attorney Docket Number	<b>60022210-0157</b>

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	LX	US 2008/0126320 A1	05-29-2008	Indeck et al.	
	LY	US 2008/0133453 A1	06-05-2008	Indeck et al.	
	LZ	US 2008/0133519 A1	06-05-2008	Indeck et al.	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	MA	WO 03/100662 A2	12-04-2003	Washington University	
	MB	WO 2005/048134 A2	05-26-2005	Washington University	
	MC	WO 2006/096324 A2	09-14-2006	Washington University	
	MD	WO 2008/022036 A2	02-21-2008	Washington University & Bechs Technology, Inc.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	<b>10/037,593</b>
				Filing Date	<b>October 19, 2001</b>
				First Named Inventor	<b>Matthew P. Kulig</b>
				Group Art Unit	<b>2457</b>
				Examiner Name	<b>Barbara N. Burgess</b>
Sheet	<b>3</b>	of	<b>4</b>	Attorney Docket No.	<b>60022210-0157</b>
<b>OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	ME	ALTSCHUL, Stephen F., "Basic Local Alignment Search Tool", <u>Journal of Molecular Biology</u> , 215(3):403-410, Oct. 5, 1990.			
	MF	CAVNAR, William B. et al., "N-Gram-Based Text Categorization", <u>Proceedings of SDAIR-94, 3rd Annual Symposium on Document Analysis and Information Retrieval</u> , Las Vegas, pp. 161-175, 1994.			
	MG	FORGY, Charles L., "Rete: A Fast Algorithm for the Many Pattern/Many Object Pattern Match Problem", <u>Artificial Intelligence</u> , 19:17-37, 1982, North Holland; received May 1980, revised version received April 1981.			
	MH	HOINVILLE, Jay R. et al., "Spatial Noise Phenomena of Longitudinal Magnetic Recording Media", <u>IEEE Transactions on Magnetics</u> , Vol. 28, No. 6, November 1992, New York, NY.			
	MI	JEANMOUGIN, François et al., "Multiple sequence alignment with Clustal X", <u>Trends in Biochemical Sciences</u> , 23(10): 403-405, October 1, 1998, Elsevier Science Ltd.			
	MJ	JONES, K. Sparck et al., "A probabilistic model of information retrieval: development and status", <u>Information Processing and Management</u> , 36(6):779-840, Cambridge, UK, August 1998.			
	MK	JUNG, Bongjin et al., "Efficient VLSI for Lempel-Ziv Compression in Wireless Data Communication Networks", <u>IEEE Transactions on VLSI Systems</u> , 6(3):475-483, Sept. 1998, Institute of Electrical and Electronics Engineers, Washington, DC.			
	ML	PIRSCH, Peter, et al., "VLSI Architectures for Video Compression-A Survey", <u>Proceedings of the IEEE</u> , 83(2):220-246, February 1995, Institute of Electrical and Electronics Engineers, Washington, DC.			
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	MM	RANGANATHAN, N. et al., "High-speed VLSI Designs for Lempel-Ziv-Based Data Compression", <u>IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing</u> , 40(2):96-106, February 1993, Institute of Electrical and Electronics Engineers, Washington, DC.			
	MN	RATHA, Nalini K. et al., "FPGA-based coprocessor for text string extraction", <u>Proceedings Fifth IEEE International Workshop on Computer Architectures for Machine Perception</u> , Padova, Italy, Sept. 11-13, 2000, pp. 217-221.			
	MO	ROESCH, Martin, "Snort -- Lightweight Intrusion Detection for Networks", <u>Proceedings of LISA '99: 13<sup>th</sup> Systems Administration Conference</u> , pp. 229-238, Seattle, WA, Nov. 7-12, 1999.			
	MP	ROY, Kaushik, "A Bounded Search Algorithm for Segmented Channel Routing for FPGA'S and Associated Channel Architecture Issues", <u>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</u> , 12(11):1695 - 1705, Nov. 1993.			
	MQ	THOMPSON, Julie D. et al., "The CLUSTAL_X windows interface: flexible strategies for multiple sequence alignment aided by quality analysis tools", <u>Nucleic Acids Research</u> , 25(24):4876-4882, Dec. 15, 1997; received September 24, 1997; revised and accepted Oct. 28, 1997.			
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